Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Summative Assessment: These questions require extensive explanations. Make sure you answer each question in detail. Use full sentences and correct grammar. Each question is worth 20 points.

1: How does the story of Borneo exemplify the idea of ecosystems and the interaction of organisms (specifically the importance of all organisms in that ecosystem)?

2: How does the story exemplify how humans (in our attempt to fix one thing), cause unforeseeable problems in ecosystems?

3: Explain how a toxin in a food web will harm some while killing others- why did the mosquitos and cats die while other things lived? (hint: research bioaccumulation & biomagnification)

4: Explain why you think DDT has been banned in the U.S. but is still in production and used in countries all over the world.

5: If DDT is still being used around the world, but not in the U.S.- are we still exposed to it? (Discuss).

6: Do you think scientists should have sprayed the island with DDT? If not, what should they have done about the Malaria issue?